

REMARKS/ARGUMENTS

Claims 17-26 are currently pending in this application.

Claim Rejections - 35 USC §103

Claims 17-26 have been rejected under 35 U.S.C. 103(a) as being obvious over U.S. Patent No. 6,487,595 to Turunen et al., (hereinafter “Turunen”), in view of U.S. Patent No. 6,031,832 to Turina. The applicant respectfully disagrees.

The present invention is a method for dynamically assigning responsibility for controlling resource reservation protocol (RSVP), between a user equipment (UE) and a general packet radio service gateway (GGSN). The method includes, the GGSN determining whether the UE or the GGSN will perform the RSVP signaling, and then the GGSN signaling the UE to inform the UE of the determination. If the GGSN signals the UE that the UE is responsible for controlling the RSVP, the UE signals the external network in order to reserve a path through the external network. However, if the GGSN signals the UE that the GGSN will be responsible for controlling the RSVP function, then the GGSN signals the external network in order to reserve a path through the external network. After the path has been reserved, the GGSN dynamically reallocates control of the RSVP function to either the GGSN or the UE based on any one of a number of factors.

Turunen, discloses a method of transmitting internet data between a mobile host and a remote host coupled by the internet and a cellular telephone network using resource reservation in mobile internet protocol. Specifically, Turunen allocates a quality of signal (QoS) requirement to each transmission based on the type of transmission (i.e. data, voice, multi-media etc.). Depending on the QoS requirement of the transmission, the RSVP function will reserve different levels of transmission capacity in the internet. Therefore, responsibility for the control of the RSVP function is never changed; instead it is controlled only by the type of data that is transmitted. Turunen does not disclose changing the device that has responsibility for the control of the RSVP function. Therefore, Turunen does not teach or suggest dynamically reallocating responsibility for control of the RSVP function to either the UE or the GGSN.

Turina discloses a system that uses a multiple access packet reservation type of protocol. In the system there are mobile stations (MSs), and "VIP MS", which have priority over the regular MSs when reserving resources. However, Column 8 lines 5-18 explain that when a VIP MS moves into a different cell the VIP MS may be "granted" the same exclusive resources. This implies that a network device, and not the VIP MS, controls the reservation type protocol. Nowhere in Turina is responsibility for control of the reservation type protocol ever shifted to the VIP MS.

In contrast, the controlling entity merely grants priority to the VIP MS. Turunen is silent as to dynamically reallocating responsibility for control of the RSVP function.

Accordingly, neither Turunen, nor Turina, teach or suggest dynamically reallocating control of the RSVP function between a UE and GGSN. Therefore, applicants respectfully submit that claim 17 is allowable over the cited prior art.

Claims 18-24 are dependent upon claim 17, and the Applicants believe these claims are allowable over the cited prior art of record for the same reasons provided above.

Conclusion

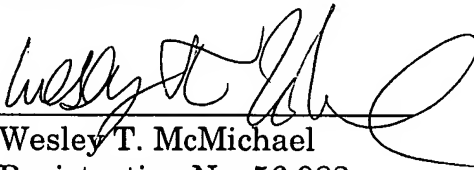
If the Examiner believes that any additional minor formal matters need to be addressed in order to place this application in condition for allowance, or that a telephone interview will help to materially advance the prosecution of this application, the Examiner is invited to contact the undersigned by telephone at the Examiner's convenience.

Applicants: Shaheen et al.
Application No.: 10/034,425

In view of the foregoing amendment and remarks, Applicants respectfully submit that the present application, including claims 17-26, is in condition for allowance and a notice to that effect is respectfully requested.

Respectfully submitted,

Shaheen et al.

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